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Title: **JP08246225A2: MODIFIED CROSS-SECTION HOLLOW FIBER AND ITS PRODUCTION**

Derwent Title: Modified pentagonal cross-section hollow fibre - has one longer side curving concavely toward inside of fibre, used as wadding or cushion material.
[\[Derwent Record\]](#)

Country: **JP** Japan

Kind: **A**

Inventor: **OMAE YOSHINOBU;**
ONO YOSHIKATA;

Assignee: **KURARAY CO LTD**
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Application Number: **JP1995000070484**

IPC Code: **D01D 5/24; D01D 5/23; D01D 11/02; D02J 1/22; D04H 1/02;**

Priority Number: **1995-03-06 JP1995000070484**

Abstract: **PURPOSE:** To obtain the subject fiber having excellent separability and opening ability, bulkiness, repulsive elasticity, recoverability, heat retaining property and drapability, etc., and useful for wadding, etc., by making its cross section shape to a specific about pentagon shape having a protrusion part at each apex and a hollow part in the central part.

CONSTITUTION: A cross section shape of a synthetic fiber is made to about pentagon shape and a protrusion part is placed at each apex (a ratio of height H to PW: H/W is 0.6-1.0) and a hollow part is arranged in the central part. The maximum side part S1 has 10-30µm radius of curvature and bends to inside of the fiber, and cooling air is blown to the bending point to increase latent crimpability.

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Family: **None**

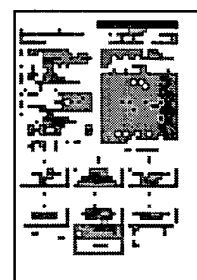
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